



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/019,114B
Source: Pg 1/10
Date Processed by STIC: 7/30/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two. Lobby Room 1B03, Arlington, VA 22202

Revised 05/17/04



PCT

RAW SEQUENCE LISTING

DATE: 07/30/2004

PATENT APPLICATION: US/10/019,114B

TIME: 09:24:30

Input Set : A:\01997.013000 sequence listing.txt

Output Set: N:\CRF4\07302004\J019114B.raw

5 <110> APPLICANT: Seishi KATO
 7 Tomoko KIMURA
 11 <120> TITLE OF INVENTION: Human proteins having hydrophobic domains and DNAs encoding these
 13 proteins
 16 <130> FILE REFERENCE: 1997.13000
 19 <140> CURRENT APPLICATION NUMBER: US 10/019,114B
 C--> 21 <141> CURRENT FILING DATE: 2002-10-24
 24 <150> PRIOR APPLICATION NUMBER: JP 11-188835
 26 <151> PRIOR FILING DATE: 1999-07-02
 30 <160> NUMBER OF SEQ ID NOS: 30

ERRORED SEQUENCES

1769 <210> SEQ ID NO: 24
 1771 <211> LENGTH: 1260
 1773 <212> TYPE: DNA
 1775 <213> ORGANISM: Homo sapiens
 1779 <220> FEATURE:
 1781 <221> NAME/KEY: CDS
 1783 <222> LOCATION: (147)...(863)
 1787 <400> SEQUENCE: 24

8.2

1789 agcttcccccc aagcggcggc agcaccacca gcggcagccg ccggagccgc cgccgcagcg 60
 1791 gggacgggga gccccgggg gccccgccac tgccgcgcgc cgccgacacc taccgggact 120
 1793 ggatcggcca gagttactcc gaggtg atg agc ctc aac gag cac tcc atg 170
 1795 Met Ser Leu Asn Glu His Ser Met
 1797 1 5
 1799 cag gcg ctg tcc tgg cgc aag ctc tac ttg agc cgc gcc aag ctt aaa 218
 1801 Gln Ala Leu Ser Trp Arg Lys Leu Tyr Leu Ser Arg Ala Lys Leu Lys
 1803 10 15 20
 1805 gcc tcc agc cgg acc tgc gct ctg ctc tcc ggc ttc gcc atg gtg gca 266
 1807 Ala Ser Ser Arg Thr Ser Ala Leu Leu Ser Gly Phe Ala Met Val Ala
 1809 25 30 35 40
 1811 atg gtg gag gtg cag ctg gac gct gac cac gac tac cca ccg ggg ctg 314
 1813 Met Val Glu Val Gln Leu Asp Ala Asp His Asp Tyr Pro Pro Gly Leu
 1815 45 50 55
 1817 ctc atc gcc ttc agt gcc tgc acc aca gtg ctg gtg gct gtg cac ctg 362
 1819 Leu Ile Ala Phe Ser Ala Cys Thr Thr Val Leu Val Ala Val His Leu
 1821 60 65 70
 1823 ttt gcg ctc atg atc agc acc tgc atc ctg ccc aac atc gag gcg gtg 410
 1825 Phe Ala Leu Met Ile Ser Thr Cys Ile Leu Pro Asn Ile Glu Ala Val
 1827 75 80 85
 1829 agc aac gtg cac aat ctc aac tgc gtc aag gag tcc ccc cat gag cgc 458

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 07/30/2004

PATENT APPLICATION: US/10/019,114B

TIME: 09:24:30

Input Set : A:\01997.013000 sequence listing.txt

Output Set: N:\CRF4\07302004\J019114B.raw

```

1831 Ser Asn Val His Asn Leu Asn Ser Val Lys Glu Ser Pro His Glu Arg
1833      90                      95                      100
1835 atg cac cgc cac atc gag ctg gcc tgg gcc ttc tcc acc gtc atc ggc      506
1837 Met His Arg His Ile Glu Leu Ala Trp Ala Phe Ser Thr Val Ile Gly
1839 105                      110                      115                      120
1841 acg ctg ctc ttc cta gct gag gtg gtg ctg ctc tgc tgg gtc aag ttc      554
1843 Thr Leu Leu Phe Leu Ala Glu Val Val Leu Leu Cys Trp Val Lys Phe
1845      125                      130                      135
1847 ttg ccc ctc aag aag cag cca ggc cag cca agg ccc acc agc aag ccc      602
1849 Leu Pro Leu Lys Lys Gln Pro Gly Gln Pro Arg Pro Thr Ser Lys Pro
1851      140                      145                      150
1853 ccc gcc agt ggc gca gca gcc aac gtc agc acc agc ggc atc acc ccg      650
1855 Pro Ala Ser Gly Ala Ala Ala Asn Val Ser Thr Ser Gly Ile Thr Pro
1857      155                      160                      165
E--> 1859 ggc cag gca get gcc atc gcc tgc acc acc atc atg gtg ccc ttc ggc      698
1861 Gly Gln Ala Ala Ala Ile Ala Ser Thr Thr Ile Met Val Pro Phe Gly
1863      170                      175                      180
1865 ctg atc ttt atc gtc ttc gcc gtc cac ttc tac cgc tca ctg gtt agc      746
1867 Leu Ile Phe Ile Val Phe Ala Val His Phe Tyr Arg Ser Leu Val Ser
1869 185                      190                      195                      200
1871 cat aag acc gac cga cag ttc cag gag ctc aac gag ctg gcg gag ttt      794
1873 His Lys Thr Asp Arg Gln Phe Gln Glu Leu Asn Glu Leu Ala Glu Phe
1875      205                      210                      215
1877 gcc cgc tta cag gac cag ctg gac cac aga ggg gac cac ccc ctg acg      842
1879 Ala Arg Leu Gln Asp Gln Leu Asp His Arg Gly Asp His Pro Leu Thr
1881      220                      225                      230
1883 ccc ggc agc cac tat gcc taggccccatg tgggtctgggc ccttccagtg      890
1885 Pro Gly Ser His Tyr Ala
1887      235
1889 ctttggcctt acgcccttcc ccttgacctt gtcctgcccc agcctcacgg acagcctgcg      950
1891 caggggggctg ggcttcagca aggggcagag cgtggaggga agaggatttt tataagagaa      1010
1893 atttctgcac tttgaaactg tcctctaaga gaataagcat ttctgtttct tccagctcca      1070
1895 ggtccacctc ctgttgggag gcggtggggg gccaaagtgg ggccacacac tcgctgtgtc      1130
1897 ccctctctc ccctgtgcca gtgccacctg ggtgcctcct cctgtcctgt ccgtctcaac      1190
1899 ctccctcccg tccagcattg agtgtgtaca tgttgtgtgtg acacataaat atactcataa      1250
1901 ggacacctcc                                1260

```

invalid
nucleic
acid
designator

VERIFICATION SUMMARY

DATE: 07/30/2004

PATENT APPLICATION: US/10/019,114B

TIME: 09:24:31

Input Set : A:\01997.013000 sequence listing.txt

Output Set: N:\CRF4\07302004\J019114B.raw

L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1859 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1